

Q.P Code

Reg. No.

PG Degree Regular/Supplementary Examinations in Immunohematology and Blood Transfusion (M.D)

PAPER I – Basic sciences as applied to the subject

Time : Three Hours

Maximum : 100 Marks

Essay:

(20)

1. Elaborate about Complement system and its application in Transfusion Medicine.

Short Essays

(8 x10 = 80)

2. Agglutination Reactions.
3. Immune Tolerance.
4. Cytokines.
5. Monoclonal Antibodies.
6. Draw coagulation cascade and discuss about the Convergent Model of coagulation.
7. Extra Cellular matrix - Its role in haematopoiesis.
8. Hematopoietic stem cell niche in health and disease.
9. Draw coagulation cascade. Discuss cellular model of coagulation.